

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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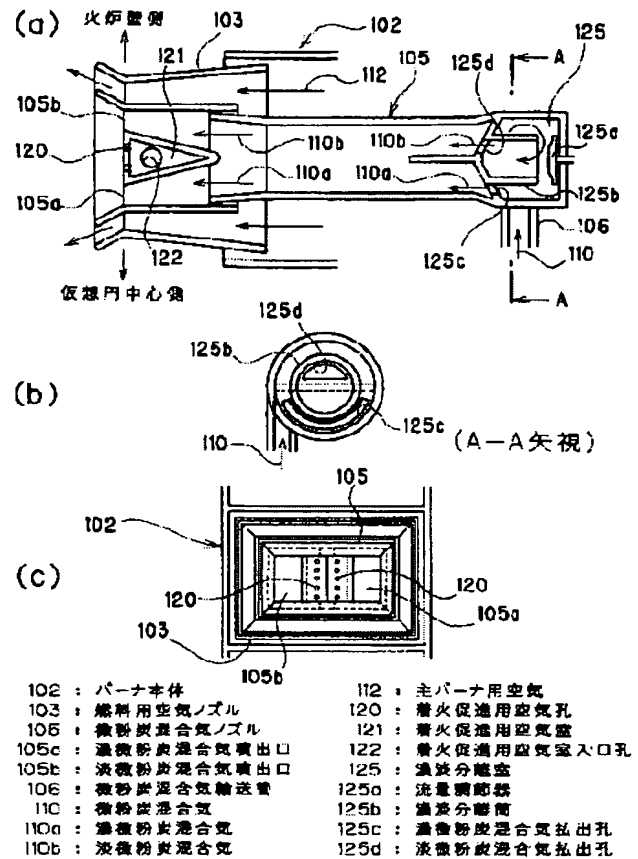
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TITLE : PULVERIZED COAL BURNER



ABSTRACT : PROBLEM TO BE SOLVED: To provide a pulverized coal burner in which the capacity can be increased effectively without increasing the quantity of slugging while ensuring the ignition stability sufficiently.

SOLUTION: In the pulverized coal burner where pulverized coal mixture air is blown in the direction tangential to a virtual circle in a horizontal plane within a furnace, mixture gas ejection openings 105a and 105b at the forward end of a pulverized coal mixture air nozzle 105 is divided laterally into two so that the mixture air is blown while being branched to the central side of the virtual circle and the furnace wall side and a rich/lean separation chamber 125 is defined in the pulverized coal mixture air nozzle 105 so that lean pulverized coal mixture air is blown to the furnace wall side.

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